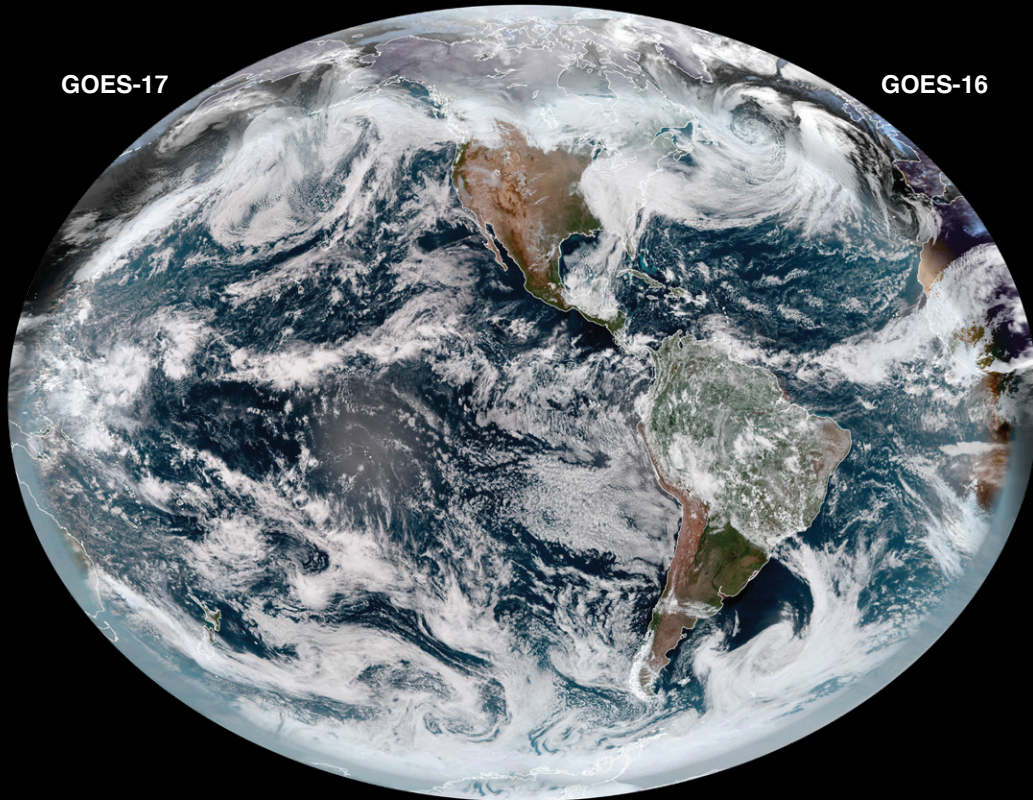


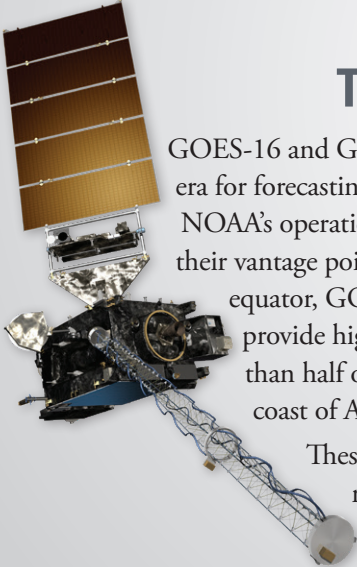
# GOES East Meets West

GOES-17

GOES-16



# GOES-16 and GOES-17. This Changes Everything.



GOES-16 and GOES-17 ushered in a new era for forecasting, significantly upgrading NOAA's operational constellation. From their vantage point 22,236 miles above the equator, GOES East and GOES West provide high-definition views of more than half of Earth – from the west coast of Africa to New Zealand.

These satellites comprise the nation's most advanced Earth-observing system.

Brand new instruments, additional spectral information, improved resolution, faster scanning ability, and sophisticated new data products enable discernment of meteorological features like never before. Thanks to this new generation of GOES, forecasters and emergency managers are better equipped to monitor severe storms, tornadoes, hurricanes, flash floods, wildfires, fog, and other environmental hazards. Better data means more accurate weather forecasts and faster warnings for a more *Weather-Ready Nation*.

Image (opposite): This view of the Western Hemisphere combines full-disk GeoColor images from GOES-16 and GOES-17 using a Mollweide map projection.



[www.goes-r.gov](http://www.goes-r.gov)



Follow us on Twitter  
@NOAASatellites



[www.weather.gov/wrn/](http://www.weather.gov/wrn/)



[www.nesdis.noaa.gov](http://www.nesdis.noaa.gov)

NP-2018-11-302-GSFC